CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

Job No.: CTCE/BBMP/W.No.06/TBMK/WBM-II/2014-15

Date: 08.09.2014

REPORT

Client	:	**Asst. Executive Engineer,** Byatarayanapura Sub Division, BBMP, Bangalore.
Agency	:	**Mr. T.B. Mahesh Kumar**, Contractor, Bangalore.
Name of the Work	:	Improvements to Road and Drains at Cauvery Layout in Ward No.06, BBMP, Bangalore.
Reference	:	AEE/BTP/WO/63/2014-15 Dated: 26.08.2014
Type of Mix	:	Water Bound Macadam (Grade-II Metal)
Date of Sampling	:	06.09.2014
Date of Testing	:	08.09.2014

1) SEIVE ANALYSIS :

IS Sieve designation Size, mm	Percentage Passing for Graded Aggregate of Nominal size	Percentage by Weight Passing as per MORTH table 400-7
90mm	100.00	100.00
63mm	96.25	90-100
53mm	31.40	25-75
45mm	9.65	0-15
22.4mm	2.10	0-5

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

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Building & Highway Material Testing Laboratory

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Job No.: CTCE/BBMP/W.No.06/TBMK/WBM-III/2014-15

Date: 12.09.2014

REPORT

Client	:	**Asst. Executive Engineer,** Byatarayanapura Sub Division, BBMP, Bangalore.
Agency	:	**Mr. T.B. Mahesh Kumar**, Contractor, Bangalore.
Name of the Work	:	Improvements to Road and Drains at Cauvery Layout in Ward No.06, BBMP, Bangalore.
Reference	:	AEE/BTP/WO/63/2014-15 Dated: 26.08.2014
Type of Mix	:	Water Bound Macadam (Grade-III Metal)
Date of Sampling	:	10.09.2014
Date of Testing	:	12.09.2014

1) SEIVE ANALYSIS:

IS Sieve designation Size,mm	Percentage Passing for Graded Aggregate of Nominal size	Percentage by Weight Passing as per MORTH table 400-7
63mm	100.00	100.00
53mm	97.80	95-100
45mm	64.65	65-90
22.4mm	6.40	0-10
11.2mm	2.25	0-5

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Job No.: CTCE/BBMP/W.No.06/TBMK/CUBE/2014-15 25.09.2014

TEST REPORT ON CONCRETE CUBES

Client	: **Asst. Executive Engineer,** Byatarayanapura Sub Division, BBMP, Bangalore.
Agency	: **Mr. T.B. Mahesh Kumar,** Contractor, Bangalore.
Name of the work	: Improvements to Road and Drains at Cauvery Layout in Ward No.06, BBMP, Bangalore.
Reference	: AEE/BTP/WO/63/2014-15 Dated: 26.08.2014
Sample ID	: Drain Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28^{th} day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.08.2014	25.09.2014	8.157	491.5	21.84
2	28.08.2014	25.09.2014	8.263	507.2	22.54
3	28.08.2014	25.09.2014	8.395	523.7	23.28

Note:

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